

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 8:34 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 523 Const Calendar Day: 729 Date: 03-Jun-2014 Tuesday

Inspector Name: Feather, Bernard Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 08:00 am 03:00 am Break: 07:00 Over Time: 03:00

Federal ID:

Location:

Reviewer: Shedd, Bill

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM

12 PM

4PM

Precipitation

Condition Clear, cool

Working Day ☒ If no, explain:**Diary:**

Dispute

General Comments

MEP staff meeting 0830-0900. Mechanical contractor coordination meeting 1300-1400. Oversee FWS pressure testing of the 2 1/2" DW and 4" CA lines from PP 8 to PP 128 along the bike path. Misc MEP paperwork and write diaries.

**04-0120F4 Bid Item: 125 0-000-000.125 DOMESTIC WATER (2 1/2 NPS)**

F.W. SPENCER AND SON, INC

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: F.W. SPENCER AND SON, INC								
Plumber/Pipefitter	JNM	NARCISO BIAGI	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	5.00	0.00	0.00	5.00		<input type="checkbox"/>

Diary:

Dispute

Pipe Testing 125 0-000-000.125

The crew, including Josh Johnson and Tim Esquivel, performed testing on the 2 1/2" DW line from PP 8 to PP 128 along the bike path from 2000 on the night of May 3, 2014 to 0300 on the morning of May 4, 2014. The crew arrived at Pier 7 at 2000 and prepared for testing. At 2300, the lane closure was established and the crew arrived in the lane closure of the #5 lane of the EB bridge at 2330. The crew installed a gage and charging point just to the east of the bike path emergency egress gate at PP 124.



At 0038, the line was charged to 230 PSI and the test was initiated. By 0050, the pressure had dropped down to 210 PSI. Tom Colombo and I rechecked the line, including the expansion loop under the bike path at PP 128. No leaks were detected. By 0245, the pressure was down to 160 PSI. I called off the test as a failure. The crew and I left the bridge at 0300 and went off shift.

04-0120F4 Bid Item: 126 0-000-000.126 COMPRESS AIR (4 NPS)

F.W. SPENCER AND SON, INC

Diary:

Dispute

Pipe Testing 126 0-000-000.126

The crew performed testing on the 4" CA line from PP 8 to PP 128 along the bike path from 2000 on the night of May 3, 2014 to 0300 on the morning of May 4, 2014. The crew arrived at Pier 7 at 2000 and prepared for testing. At 2300, the lane closure was established and the crew arrived in the lane closure of



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Job Name: 04-0120F4 **Inspector Name** Feather, Bernard **Diary #:** 523 **Date:** 03-Jun-2014 **Tuesday**

the #5 lane of the EB bridge at 2330. The crew installed a gage and charging point just to the east of the bike path emergency egress gate at PP 124. At 0000, the line was charged to 150 PSI and the test was initiated.

Tom Colombo and I performed a soap test on all the utility outlets and fittings along the line. For the CA line, bubbles (leaking air) were noted for the utility outlets at west of PP 13, west of PP 34, west of PP 47, west and east of PP 60, west of PP 65, at PP 67.5, at PP 74.5, west of PP 84, west of PP 86, west and east of PP 88, east of PP 92, west of PP 96, west of PP 96, west of PP 108, at PP 114, and west of PP 127. Water drips were noted on the DW outlets at PP 46.5 and 78.5. The minor air leakages did not cause a notable drop in pressure, but the valves have to be tightened to repair the leaks.

At 0100, the test was ended. No notable drop in pressure was observed.

04-0120F4 Bid Item: 128 0-000-000.128 DEHUMIDIFIER SYSTEM

F.W. SPENCER AND SON, INC

Diary:

Dispute

Tower Base Dehumidification 128 0-000-000.128
System

☐

Steve Gwizdak, Ignacio Aranda, and Josh Klotovich spent the shift for 0700 to 1200 working on the installation of the plenum boxes at the duct terminations, and on assembling the dehumidification unit (the unit was disassembled such that it could be inserted through the tower base opening).

Following this operation, the crew went to the east anchorages to check on those units following the painting activities. The WB unit was turned to manual and was running when they left. The EB unit was still shut off because the painters were still working in the area.

CCO-339 Bid Item: 001 0-MPI-ELS.339 Modify Piping at PP128

SMITH-EMERY SF

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: SMITH-EMERY SF								
Certified Welding Ins	OTH	SCOTT ALDER	8.00	0.00	0.00	8.00		<input type="checkbox"/>

Diary:

Dispute

Bike Path Mechanical 001 0-MPI-ELS.339
Expansion Loop

☐

Scott Alder spent 8 hours performing welding QC for the removal of the temporary pipe supports used to install the bike path expansion loop at PP 128.

CCO-339 Bid Item: 001 0-MPI-ELS.339 Modify Piping at PP128

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	GEN	AARON KENT	4.00	0.00	0.00	4.00		<input type="checkbox"/>
Ironworker	APP	REGINALD HUMPHREY	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	RICHARD GARCIA	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	PAUL FAMBRINI	2.00	0.00	0.00	2.00		<input type="checkbox"/>

Diary:

Dispute

Bike Path Mechanical 001 0-MPI-ELS.339



Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Feather, Bernard

Diary #: 523

Date: 03-Jun-2014 Tuesday

Expansion Loop ☐

The ABF crew spent the shift removing the temporary pipe supports used to support the 2 1/2" DW and 4" CA lines of the bike path expansion loop at PP 128 prior to the installation of the permanent pipe supports.

The crew used a crew truck for 4 hours, and one for 8 hours and a welding machine in performance of this work.

During the removal of one temporary support, it was noted that a crack had developed in the bike path bottom plate. RFI 3661 was written to deal with this crack.

CCO-354 Bid Item: 001 0-FWS-ELS.354 CIC - Mechanical Impacts - F.W. Spencer

F.W. SPENCER AND SON, INC

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: F.W. SPENCER AND SON, INC								
Plumber/Pipefitter	JNM	NARCISO BIAGI	3.00	0.00	0.00	3.00		<input type="checkbox"/>
Plumber/Pipefitter	FOR	TOM COLOMBO	3.00	0.00	0.00	3.00		<input type="checkbox"/>

Diary:

Dispute

Mechanical Change of 001 0-FWS-ELS.354 ☐

The FWS crew, including Josh Johnson and Tim Esquivel, spent approximately 3 hours to mobilize to the #5 lane of the EB bridge and demobilize back to Pier 7 at the end of the shift. In addition, the pipe fitter's union agreement gives the crew 8 hours of pay for 7 hours of work, and a 12% hourly shift differential for working at night which will be paid under CCO 354 for this shift's work.

In addition to the equipment used in performance of the work, the crew used a towed port-a-potty and a light tower which will be paid via monthly invoice under CCO 354. The three crew trucks used during this shift will also be paid under CCO 354.

The air compressor used to charge the air line will also be paid as CIC because prior to SSO, the crew would have used bridge air supplied by an ABF compressor.